

































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HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags ▾

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Table cells should reference their headers	Bug
Tables used for layout should not include semantic markup	Bug
Tables should have headers	Bug
"<html>" element should have a language attribute	Bug
<script>...</script> elements should not be nested	Bug
"<th>" tags should have "id" or "scope" attributes	Bug
"<title>" should be present in all pages	Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags	Bug
Elements deprecated in HTML5 should not be used	Bug
HTML "<table>" should not be used for layout purposes	Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	Code Smell
Videos should have subtitles	Code Smell

Tables used for layout should not include semantic markup

Analyze your code

Bug Critical accessibility wcag2-a

Tables used for layout should not include semantic markup, such as <th> elements, as it can confuse assistive technologies. At best this information is ignored by screen readers and makes the code less maintainable. However it can also confuse some screen readers and reduce the web page accessibility.

This rule raises an issue when a <table> element containing the role attribute set to "presentation" or "none" also contains any of:

- a <caption> element
- a <th> element
- a non-empty summary attribute
- an <td> element with a headers or scope attribute

Noncompliant Code Example

```
<table role="presentation" summary="bla"> <!-- Noncompliant -->
  <caption>People</caption> <!-- Noncompliant -->
  <tr>
    <td></td>
    <th>Name</th> <!-- Noncompliant -->
    <th id="myid1">Age</th> <!-- Noncompliant -->
  </tr>
  <tr>
    <td scope="row">1</td> <!-- Noncompliant -->
    <td>John Doe</td>
    <td>24</td>
  </tr>
  <tr>
    <td id="myid2">2</td>
    <td headers="myid1 myid2">Alice Doe</td> <!-- Noncompliant -->
    <td>54</td>
  </tr>
</table>
```

See

- [WCAG2, 1.3.1](#) - Info and Relationships
- [WCAG2, F46](#) - Failure of Success Criterion 1.3.1 due to using th elements, caption elements, or non-empty summary attributes in layout tables

Available In:

sonarlint | sonarcloud | sonarqube

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>